

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTORS: John K. Thomasson  
Myron L. Mosbarger

ASSIGNEE: Helius Incorporated

SERIAL NUMBER: n/a

DATE FILED: n/a

TITLE: METHOD AND SYSTEM FOR ASYMMETRIC SATELLITE  
COMMUNICATIONS FOR LOCAL AREA NETWORKS

ATTORNEY DOCKET: 4053 P

Assistant Commissioner for Patents  
Washington, DC 20231

**DECLARATION FOR PATENT APPLICATION**

Honorable Assistant Commissioner:

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND SYSTEM FOR ASYMMETRIC SATELLITE COMMUNICATIONS FOR LOCAL AREA NETWORKS** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby appoint Lloyd W. Sadler (Reg. No. 40,154) and Daniel P. McCarthy (Reg. No. 36,600) as my representatives and attorneys or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All communications should be directed to Mr. Sadler at the following address or telephone number:

Lloyd W. Sadler  
MCCARTHY & SADLER, LC  
39 Exchange Place, Suite 100  
Salt Lake City, Utah 84111  
(801) 323-9399

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

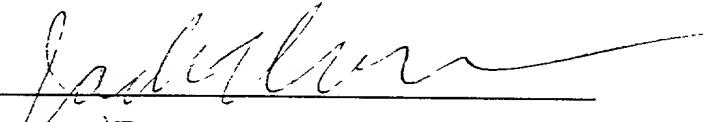
Full name of inventor: John K. (Jack) Thomasson

Residence of inventor:

Address: 323 South 100 West  
City: Lehi  
State: Utah 84043  
Citizenship: U.S.A.

Inventor's Signature:

Date:

  
03 Oct 92

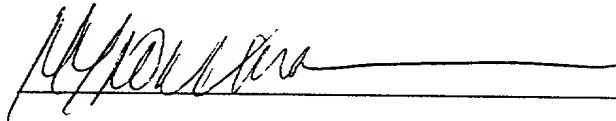
Full name of inventor: Myron L. Mosbarger

Residence of inventor:

Address: 1149 North 1050 East  
City: Orem  
State: Utah 84097  
Citizenship: U.S.A.

Inventor's Signature:

Date:

  
3 Oct 97

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTORS: John K. Thomasson  
Myron L. Mosbarger

ASSIGNEE: Helius Incorporated

SERIAL NUMBER: n/a

DATE FILED: n/a

TITLE: METHOD AND SYSTEM FOR ASYMMETRIC SATELLITE  
COMMUNICATIONS FOR LOCAL AREA NETWORKS

ATTORNEY DOCKET: 4053 P

Assistant Commissioner for Patents  
Washington, DC 20231

**VERIFIED STATEMENT (DECLARATION)  
CLAIMING SMALL ENTITY STATUS**

**--INDEPENDENT INVENTOR--  
(37 CFR 1.9(c), (f) and 1.27(b))**

Honorable Assistant Commissioner:

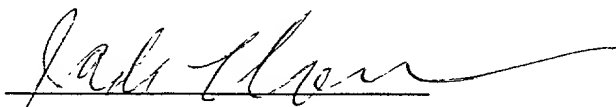
As the below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR § 1.9(c) for the purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled **METHOD AND SYSTEM FOR ASYMMETRIC SATELLITE COMMUNICATIONS FOR LOCAL AREA NETWORKS** described in a patent application filed herewith.

I have not assigned, granted, conveyed or licensed and I am not under any obligation under contract or law to assign, grant, convey or license any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR § 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR § 1.9(d) or a nonprofit organization under 37 CFR § 1.9(e).

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the due date on which status as a small entity is no longer appropriate. (37 CFR § 1.28(b)).

I hereby declare that all statements made herein are of my own knowledge and are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Signature of Inventor:



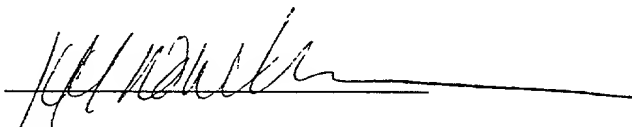
Name of Inventor:

John K. (Jack) Thomasson

Date:

03 Oct 97

Signature of Inventor:



Name of Inventor:

Myron L. Mosbarger

Date:

3 Oct 97

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTORS: John K. Thomasson  
Myron L. Mosbarger

ASSIGNEE: Helius Incorporated

SERIAL NUMBER: n/a

DATE FILED: n/a

TITLE: METHOD AND SYSTEM FOR ASYMMETRIC SATELLITE  
COMMUNICATIONS FOR LOCAL AREA NETWORKS

ATTORNEY DOCKET: 4053 P

Assistant Commissioner for Patents  
Washington, DC 20231

**VERIFIED STATEMENT (DECLARATION)  
CLAIMING SMALL ENTITY STATUS**

**--SMALL BUSINESS CONCERN--  
(37 CFR 1.9(f) AND 1.27(c))**

Honorable Assistant Commissioner:

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
- ☒ an official of the small business concern identified below and that I am  
empowered to act on behalf of said corporation:

NAME OF CONCERN: Helius Development Corp.

ADDRESS OF CONCERN: 961 West Center Street  
Orem, Utah 84057

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR § 121.3-18, and reproduced in 37 CFR § 1.9(d) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the business concern, including those of its affiliates, does not exceed 500 persons. For the purposes of this statement, (1) the number of employees of the

business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled **METHOD AND SYSTEM FOR ASYMMETRIC SATELLITE COMMUNICATIONS FOR LOCAL AREA NETWORKS** by the above-named inventors described in

- ☒ the specification filed with this declaration.
- ☐ application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
- ☐ Patent No. \_\_\_\_\_, issued \_\_\_\_\_.

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR § 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR § 1.9(d), or a nonprofit organization under 37 CFR § 1.9(e).

- ☒ no such person, concern or organization exists.
- ☐ each such person, concern or organization is listed below:

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

- ☐ INDIVIDUAL      ☐ SMALL BUSINESS ENTITY
- ☐ NONPROFIT ORGANIZATION

I acknowledge the duty of the small business concern to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the due date on which status as a small entity is no longer appropriate. (37 CFR § 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

On Behalf of:

Helios Development Corp.

NAME OF PERSON SIGNING:

Myron L. Mosbarger

TITLE OF PERSON SIGNING:

President

SIGNATURE:

[Signature]

DATE:

3 Oct 97

## ASSIGNMENT

WHEREAS, John K. Thomasson and Myron L. Mosbarger have made an invention or discovery entitled **METHOD AND SYSTEM FOR ASYMMETRIC SATELLITE COMMUNICATIONS FOR LOCAL AREA NETWORKS** which is described and claimed in the attached United States patent application; and

WHEREAS, Helius Development Corp., (Helius) a Utah corporation, is desirous of acquiring all their rights, title and interest in said invention or discovery:

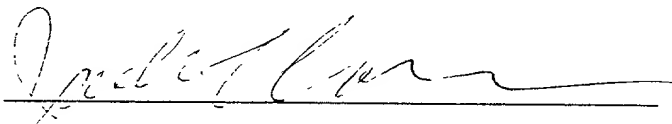
NOW, THEREFORE, in return for good and valuable consideration, receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto Helius all our rights, title and interest in and to the following: (1) said invention or discovery as described in said application, (2) said application, (3) any letters Patent issuing from said application and (4) all intellectual property (including patent rights, trade secrets and copyrights) in or to said invention or discovery. Said assignment is without any geographic limitation and shall include the United States of America and all foreign countries. All our rights, title and interest in said invention or discovery, said application, any Letters Patent issuing from said application and said intellectual property are to be held and enjoyed by Helius, for its own use and behalf, and for that of its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made. Helius shall be free to assign, license or otherwise exploit said invention or discovery, said application, any Letters Patent issuing from said application, and said intellectual property.

AND we do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any other application (including divisional, continuing, reissue and foreign applications) based on the present application or said invention or discovery. Any such other application is deemed to be part of the above assignment.

AND we do further agree to communicate to Helius, its successors, assigns or other legal representatives, such facts relating to said invention as may be known to me, and to testify as to such facts in any prosecution, interference or litigation.

EXECUTED by the undersigned on the date indicated.

INVENTOR'S SIGNATURE:



INVENTOR'S FULL NAME:

John K. (Jack) Thomasson

DATE:

08/06/82

INVENTOR'S SIGNATURE:



INVENTOR'S FULL NAME:

Myron L. Mosbarger

DATE:

3 Oct 97

INVENTOR'S SIGNATURE:

*Myron L. Mosbarger*

INVENTOR'S FULL NAME:

DATE: